

GREEN RIVER ACTION PLAN: DUCHESNE RIVER

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	ACTIVITY	WHO	STATUS	FY 04 10/03-9/04	FY 05 10/04-9/05	FY 06 10/05-9/06	FY 07 10/06-9/07	FY 08 10/07-9/08	FY 09 10/08-9/09	OUT- YEARS
I.	PROVIDE AND PROTECT INSTREAM FLOWS (HABITAT MANAGEMENT)									
I.A.	Identify initial year-round flows needed for recovery.	FWS-ES	Complete	Initial year-round flow needs for recovery were identified & summarized in a letter to Program Director on 03/09/95 and included in 1998 biological opinion.						
I.A.1.	Conduct hydrology/water availability study.	UT	Complete	CH2MHill 1997.						
I.A.2.	Conduct follow-up study to evaluate and refine flow recommendations.	FWS/UT	Complete	Modde and Keleher 2003.						
I.B.	State acceptance of initial flow recommendations (dependent on development of initial flow recommendations).									
I.B.1.	Review scientific basis.	UT	Complete	Acceptance of Modde and Keleher 2003.						
I.B.2.	Assess legal and physical availability of water.	UT			12/04					
I.C.	Legally protect and deliver identified flows.									
I.C.1.	Strawberry Valley Project.									
I.C.1.a.	Determine amount of water available from the Strawberry Valley Project for fish use. (This is part of the coordinated reservoir operation in I.D.)	USBR/DOI/PD/ Strawberry Water Users	Late	BR/CUWCD completed coordinated reservoir operations model in 2003. Task completion part of I.D.1.						
I.C.2.	Management of Daniels Transbasin Diversion.									
I.C.2.a.	Determine the amount of water available from the Daniels Diversion for endangered fish use and pattern and location for delivery.	DOI/IBAT/FWS/ Mitig. Comm./ CUWCD/ UteTribe	Late	BR/CUWCD completed model in 2003. Task completion part of I.D.1.						
>* I.C.2.b.	Develop agreements if feasible to deliver and protect water available from the Daniels Diversion.	UT/IBAT /FWS/DOI/ Mitig.Comm./ CUWCD		X	X	12/05				
I.D.	Coordinate reservoir operation.									
I.D.1.	Determine feasibility and benefits of coordinated reservoir operation.	BR/CUWCD/ DOI	Late	X						
>* I.D.2.	Develop agreements if feasible to coordinate reservoir operations and protect flows to the Green River.	BR/CUWCD/ UT/Ute Tribe		X	X	12/05				
I.E.	Examine the feasibility of other options for obtaining water.	BR/DOI/PD/ UteTribe		X	X	X				
I.F.	Determine need and feasibility of additional gaging.	BR/FWS/UT		X	12/04					
I.F.1.	Construct additional gages, as needed.	TBD			X	X				
I.G.	Evaluate and revise as needed, flow regimes to benefit endangered fish populations	FWS/Program	Ongoing	X	X	X	X	X	X	X
III.	REDUCE NEGATIVE IMPACTS OF NONNATIVE FISHES AND SPORTFISH MANAGEMENT ACTIVITIES (NONNATIVE AND SPORTFISH MANAGEMENT)									
III.A.	Reduce negative interactions between nonnative and endangered fishes.									
III.A.1.	Identify most damaging nonnative fishes.	UDWR	Complete	Hawkins and Nesler 1991, Lentsch et al. 1996b, Tyus and Saunders 1996.						
III.A.2.	Assess options to control negative interactions from nonnative fishes from the Duchesne River to benefit Colorado pikeminnow and razorback sucker young-of-the-year.	UDWR	Complete	Tyus and Saunders 1996.						
III.A.3.	Implement and evaluate the effects of viable measures to control negative interactions from nonnative fishes. (See III.A.3. under Green River Mainstem Action Plan.)									
III.A.3.a.	Evaluate feasibility of screen on Bottle Hollow Reservoir to control nonnative fish escapement and explore alternative funding sources.	FWS-FAO/Ute Tribe/BOR	Complete	USFWS 2001.						
>* III.A.3.a.(1)	If feasible and necessary, screen Bottle Hollow Reservoir	Ute Tribe	Complete	Elder's Pond screen (downstream of Bottle Hollow) completed in 2002 (Irving and Montoya 2002).						
III.A.3.b.	Evaluate escapement of nonnative fishes from Starvation Reservoir and the feasibility of screening.	UDWR		X	X					
>* III.A.3.b.(1)	If feasible and necessary, screen Starvation Reservoir	TBD								
>* III.A.3.c.	Remove nonnative fish (smallmouth bass, channel catfish and northern pike).	FWS-FR		X	X	X				